LXBC Breaker Control Panels 12, 18, 30, 42 Breaker/Relays

LX SERIES NETWORKED LIGHTING CONTROLS

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NOTE: Touch Screen Graphic User Interface (GUI) not included. Order Separately.

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PROJECT INFORMATION

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Catalog No.</th>
<th>Date</th>
</tr>
</thead>
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The LXBC Breaker Control Panel provides the opportunity to combine controlled and non-controlled loads into a single, fully functional branch circuit panel board. The LXBC integrates seamlessly into the LX Lighting Control Network and can be used as a stand-alone LX control panel or combined in a network with other LX and/or LXBC panels.

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PRODUCT FEATURES

- Unique, handheld touch screen graphical user interface (GUI) (Order Separately)
- Robust and reliable 20 and 30 Amp mechanically latching circuit breaker/relays
- Multiple size enclosures available (12, 18, 30, and 42 spaces)
- 100 AMP, 225 AMP or 400 AMP bussing Main Lugs or Main Circuit Breaker
- 120/208V, 3PH, 4W or 277/480V, 3PH, 4W
- Topology-free, polarity-insensitive, 2-wire communication
- LonMark ® certified
- Feature-rich scheduling functions
- 365-day time clock
- Automatic Daylight Savings Time and leap year compensation
- Built-in astronomical time clock for sunrise and sunset programming
- Five-year warranty
- 120-277 Vac and 480 Vac models
General Specifications

Programming and configuration
Programmable via the LX Touch Tablet

Physical
NEMA 1 enclosure, surface or flush mount
NEMA 3 enclosure, surface or flush mount
KOs provided on top and bottom
12, 18, 30, and 42 space enclosures with hinged locking door

Electrical
120VAC input control voltage at terminal block
15 Amp, 20 Amp and 30 Amp 1-pole and 2-pole Circuit Breaker/Relays
Non-Control circuit breakers 15A – 100A, 1, 2, and 3-pole
100 AMP, 225 AMP or 400 AMP Lugs Only or Main Circuit Breaker, CU/AL Lugs Bottom Feed only,
Top Feed is not available.

Series Rated
120/208V, 3PH, 4W or 277/480V, 3PH, 4W system voltage, 14KAIC @277/480V, 65KAIC with main CB

Operating environment for Location: interior space
NEMA 1 rated equipment
Operating temperature: 0° to 50° C (32° to 112° F)
Relative humidity (non-condensing): 10% to 90%

Certifications
UL listed (UL 916)
LonMark 3.3 Certified

Warranty
Five-year limited

Dimensions

Ordering Information

Example: Panel, Controlled Circuit Breaker/Relays, and Non-Controlled Breakers must be ordered as separate line items:

<table>
<thead>
<tr>
<th>LXBC Control Panel</th>
<th>SYSTEM VOLTAGE</th>
<th>MAINS</th>
<th>B</th>
<th>RELAY SPACES</th>
<th>H</th>
<th>ENCLOSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>120/208, 3 Phase, 4 Wire</td>
<td>IL 100 Amp Main Lugs Only</td>
<td>Bottom Feed Only (Top Feed is not available)</td>
<td>12 Spaces</td>
<td>HBA LX-Lon</td>
<td>15 NEMA 1 Surface</td>
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<tr>
<td>2</td>
<td>277/480, 3 Phase, 4 Wire</td>
<td>IC 100 Amp Main Circuit Breaker</td>
<td></td>
<td>18 Spaces</td>
<td></td>
<td>1F NEMA 1 Flush</td>
</tr>
<tr>
<td>2</td>
<td>277/480, 3 Phase, 4 Wire</td>
<td>2L 225 Amp Main Lugs Only</td>
<td></td>
<td>30 Spaces</td>
<td></td>
<td>3S NEMA 3 Surface</td>
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<tr>
<td>2</td>
<td>277/480, 3 Phase, 4 Wire</td>
<td>2C 225 Amp Main Circuit Breaker</td>
<td></td>
<td>42 Spaces</td>
<td></td>
<td>3F NEMA 3 Flush</td>
</tr>
<tr>
<td>4</td>
<td>400 Amp Main Lugs Only</td>
<td>4L 400 Amp Main Circuit Breaker</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>4</td>
<td>400 Amp Main Lugs Only</td>
<td>4C 400 Amp Main Circuit Breaker</td>
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